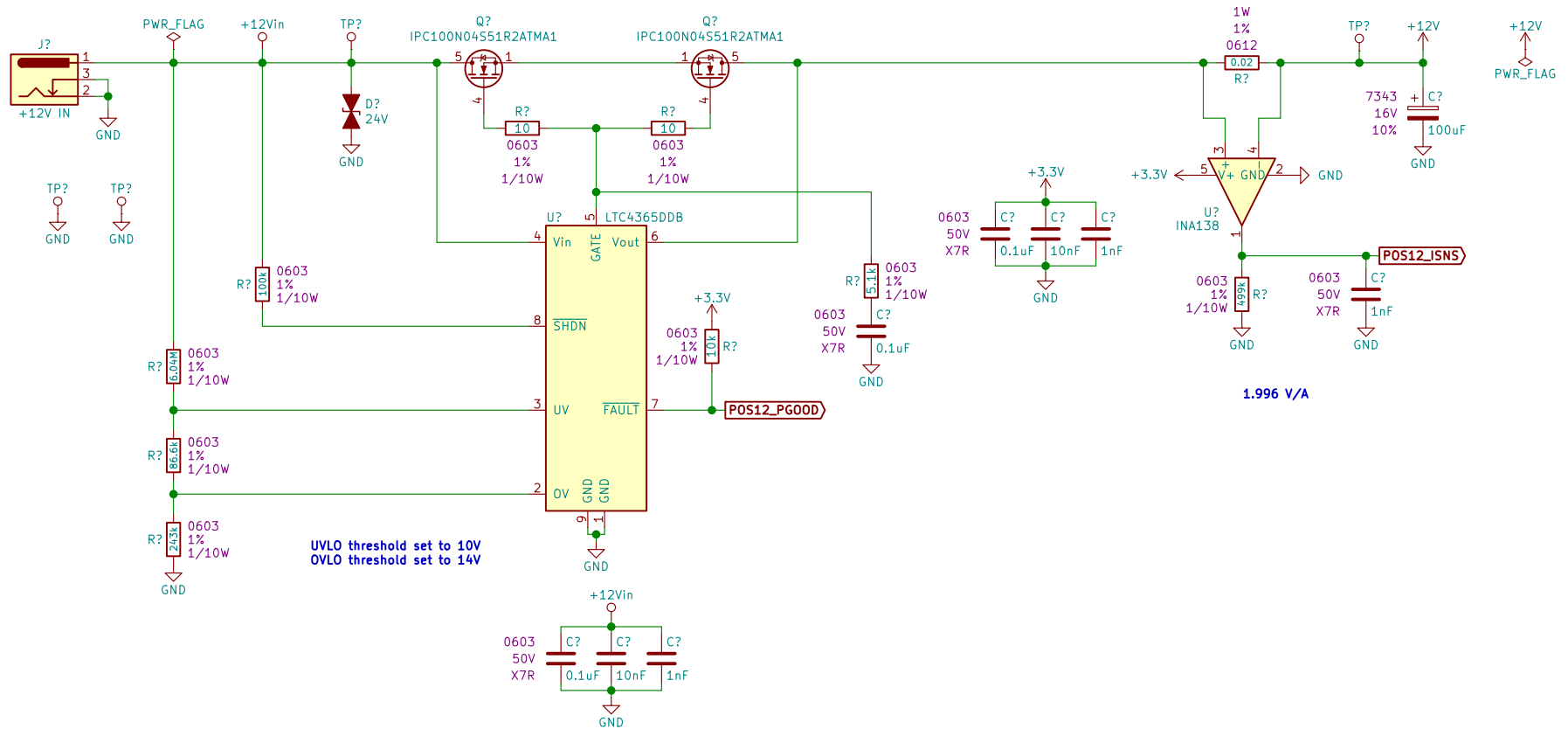


02. +12V Input



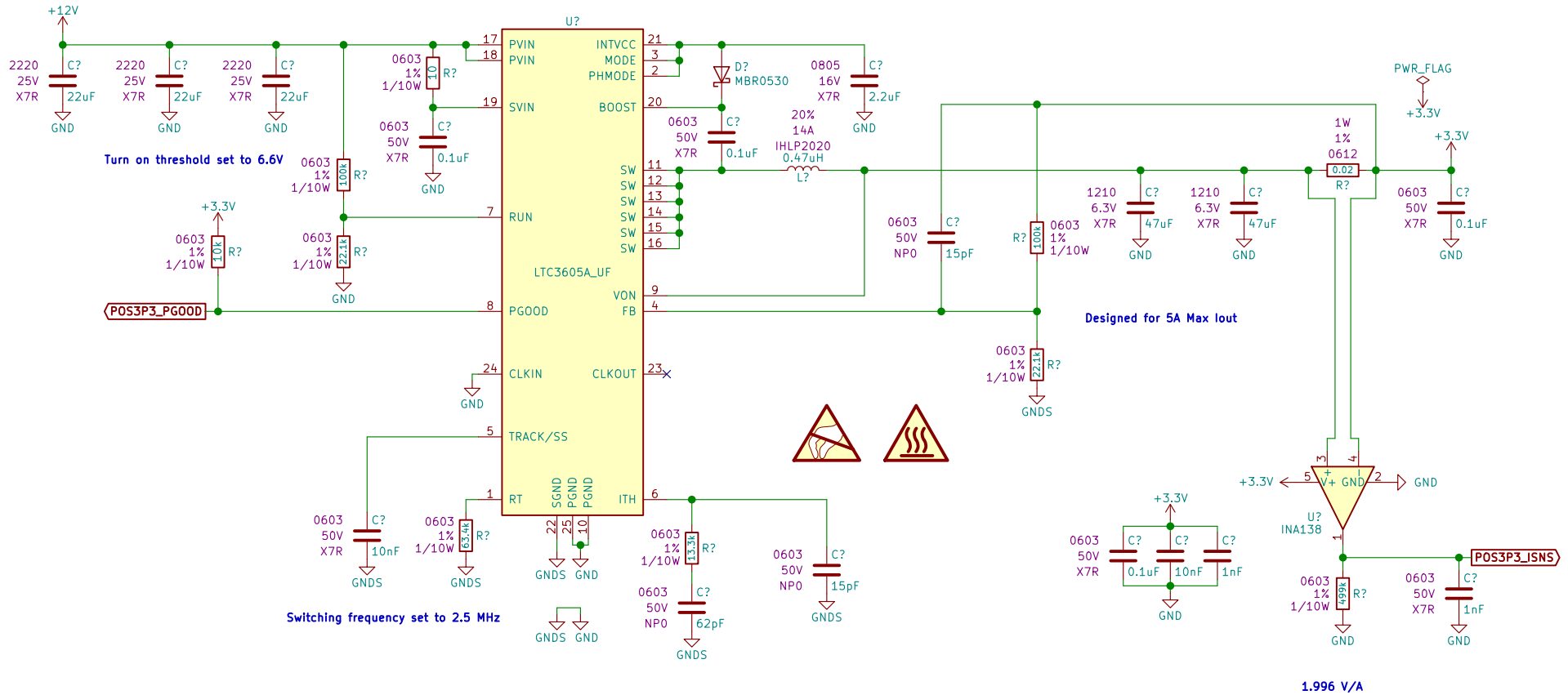
Sheet: /+12V Input/
File: POS12_Input.sch

Title:

Size: A	Date: 2019-01-03
KiCad E.D.A. kicad (5.1.0)-1	

Rev: A
Id: 2/15

03. +3.3V Power Supply



Marquette University Senior Design 2018/2019 Group E44

Sheet: /+3.3V Power Supply/
File: POS3P3_Power_Supply.sch

Title: Electronic Display Logic Board

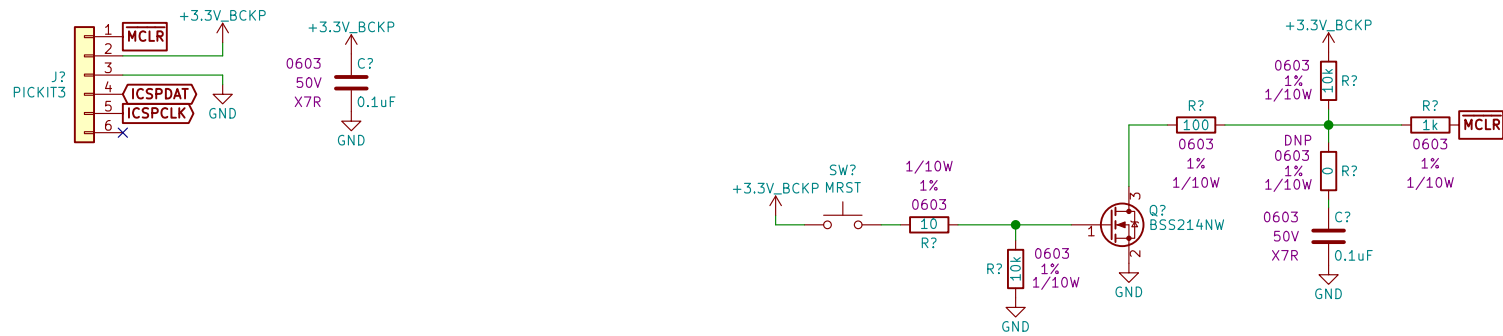
Size: A Date: 2018-12-15

KiCad E.D.A. kicad (5.1.0)-1

Rev: A

Id: 3/15

Microcontroller Programming



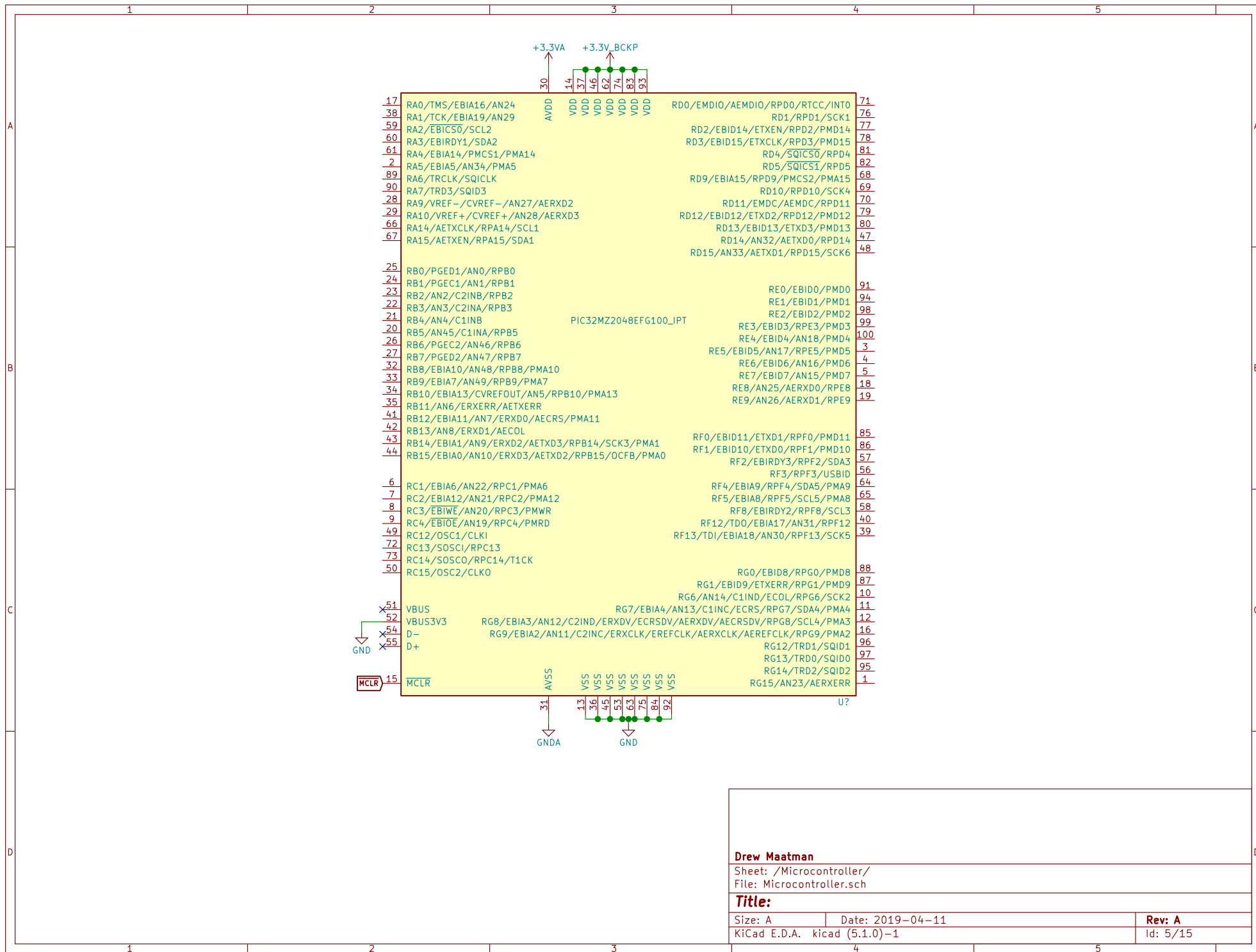
Drew Maatman

Sheet: /Microcontroller Programming/
File: Microcontroller_Programming.sch

Title:

Size: A	Date: 2019-04-11
KiCad E.D.A. kicad (5.1.0)-1	

Rev: A
Id: 4/15



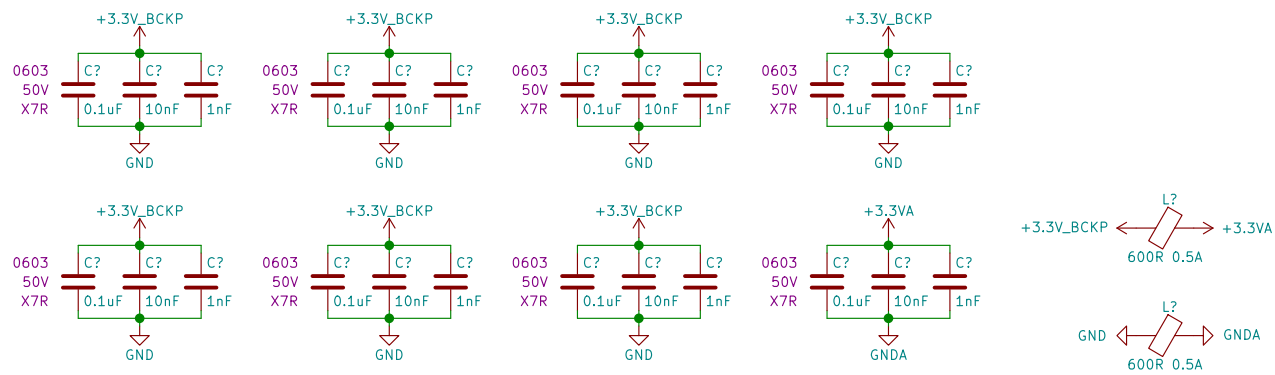
Drew Maatman

Sheet: /Microcontroller/
File: Microcontroller.sch

Title:

Size: A Date: 2019-04-11
KiCad E.D.A. kicad (5.1.0)-1

Rev: A
Id: 5/15



Sheet: /Microcontroller Bypass/
File: Microcontroller_Bypass.sch

Title:

Size: A

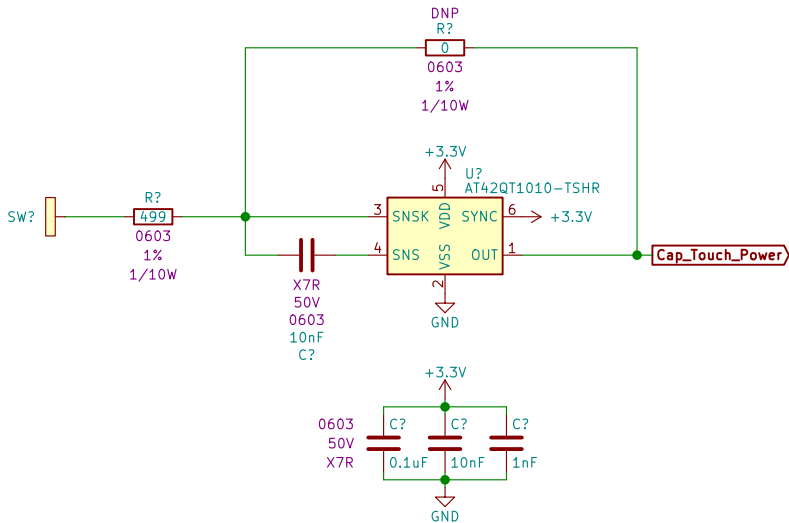
Date:

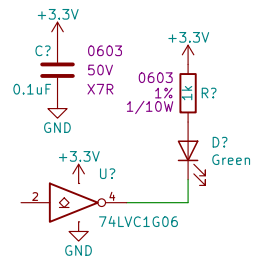
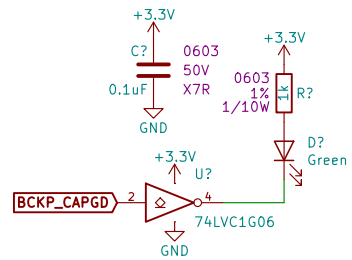
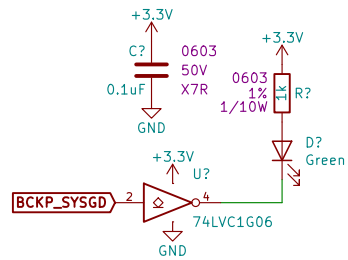
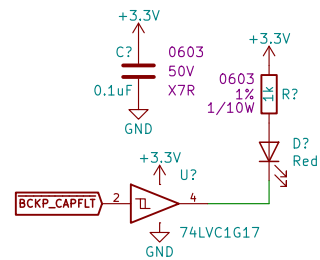
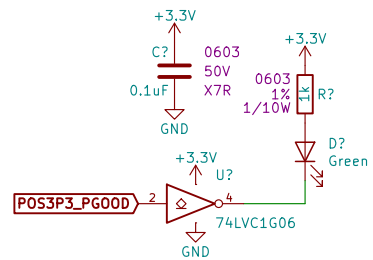
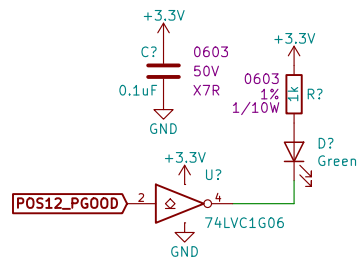
KiCad E.D.A. kicad (5.1.0)-1

Rev:

Id: 6/15

08. Capacitive Touch Sensors





Sheet: /PGOOD LEDs/
File: PG00D_LEDs.sch

Title:

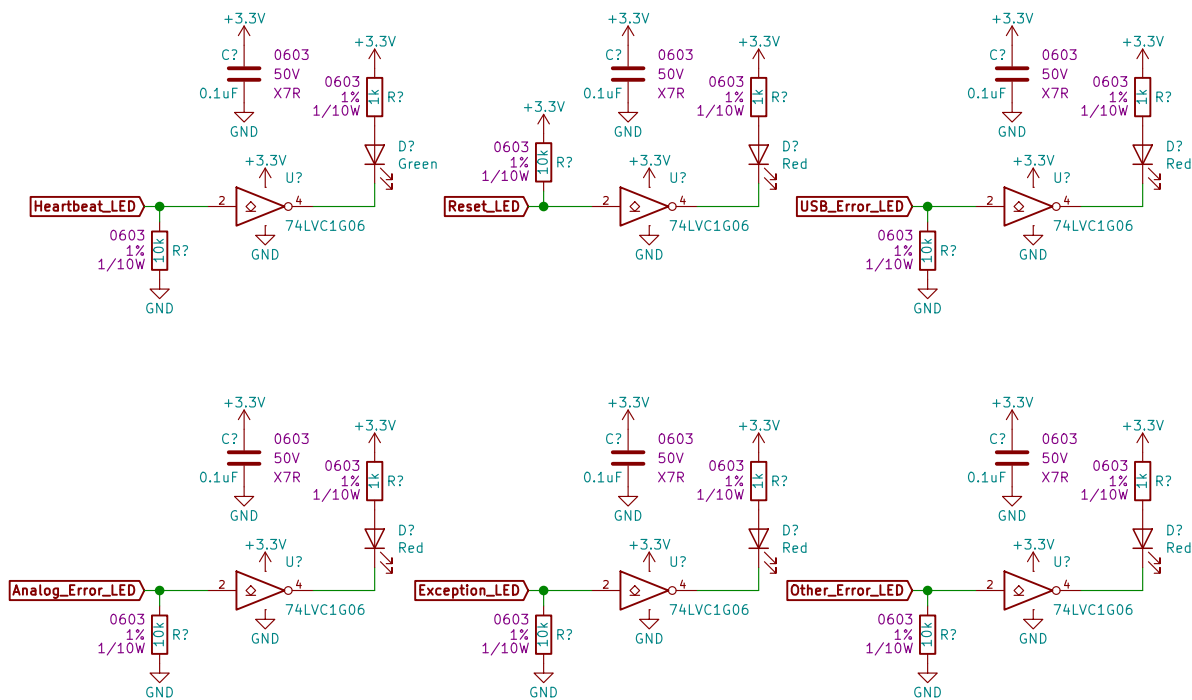
Size: A

Date:

KiCad E.D.A. kicad (5.1.0)-1

Rev:

Id: 8/15

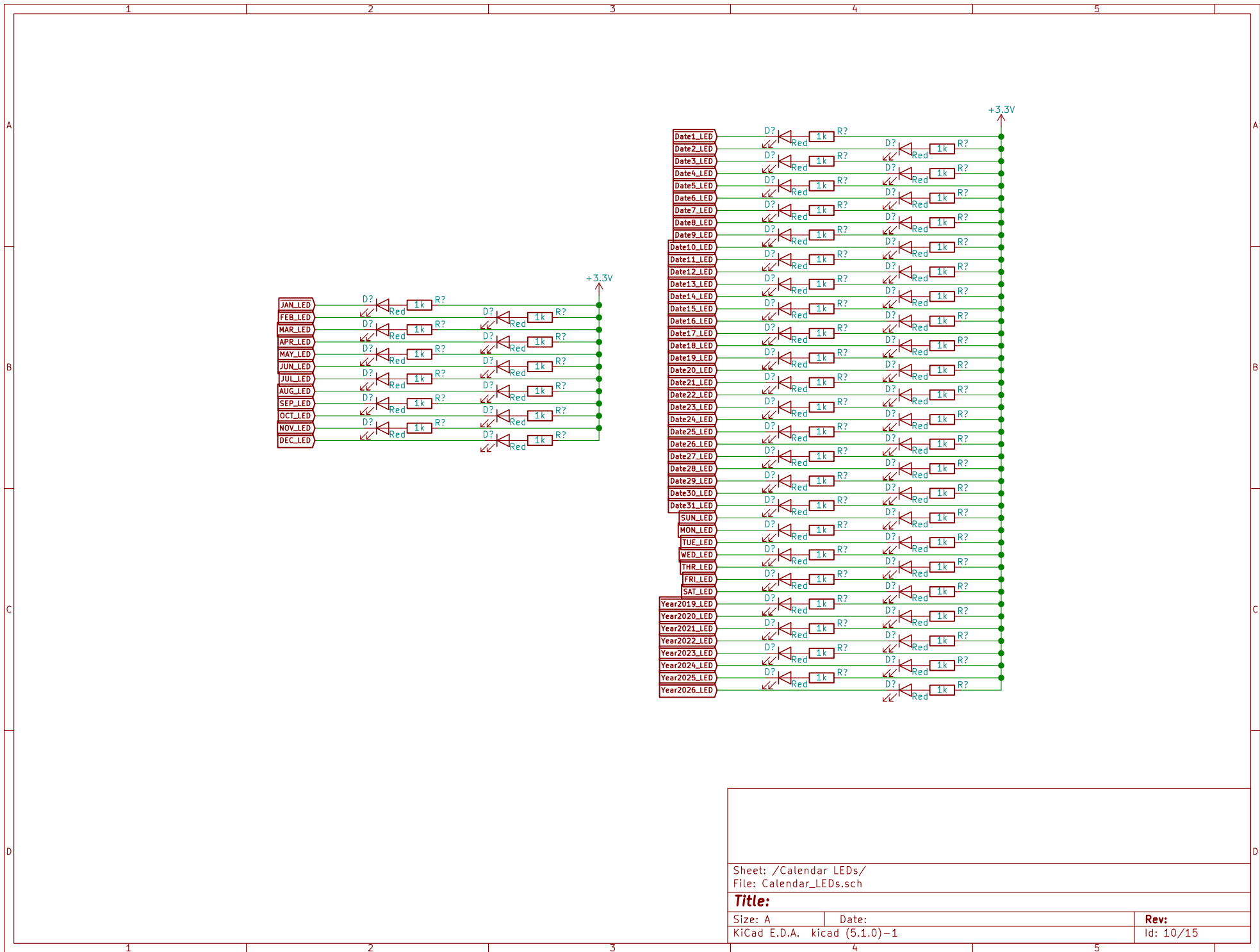


Sheet: /Status LEDs/
File: Status_LEDs.sch

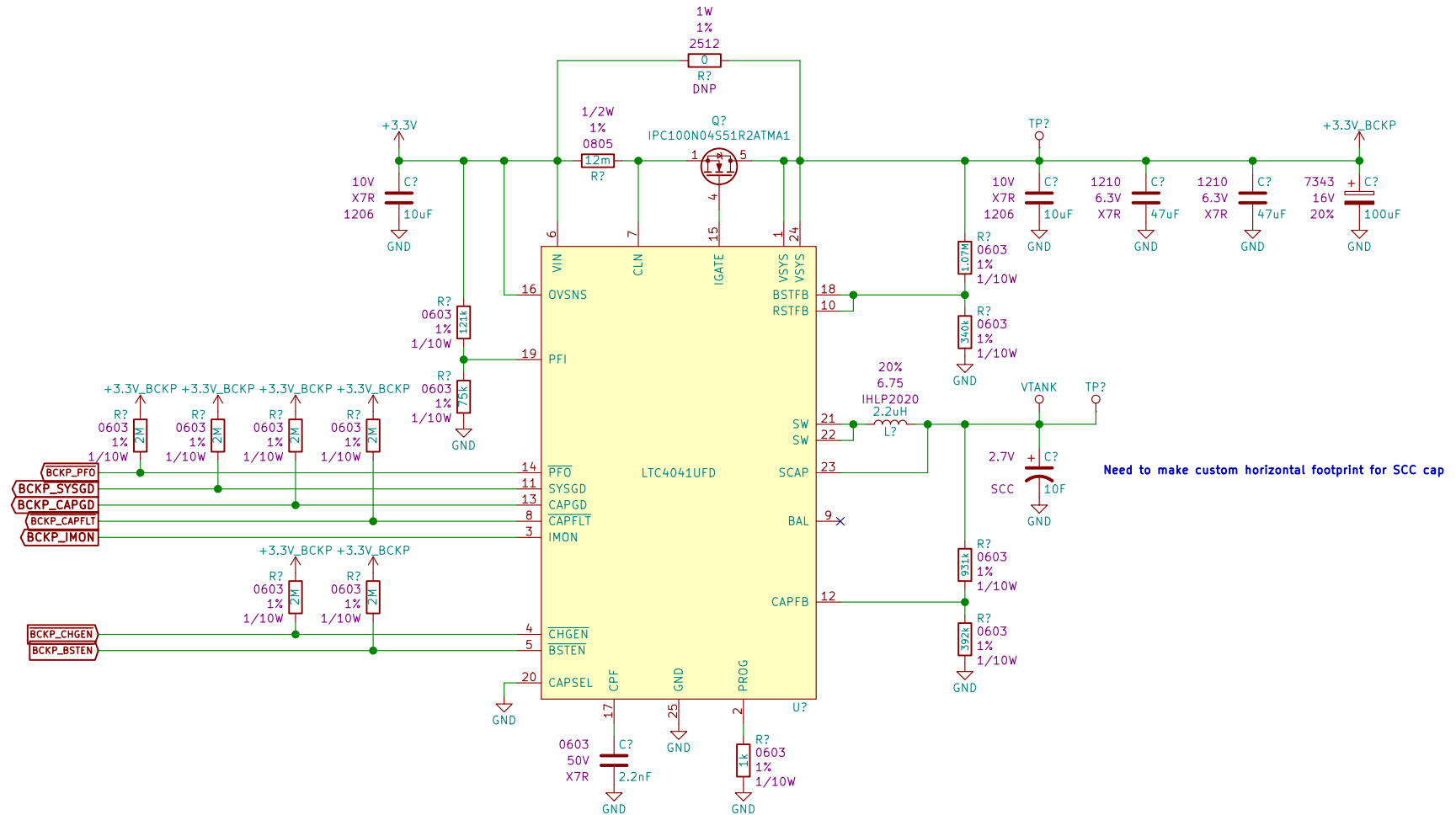
Title:

Size: A Date:
KiCad E.D.A. kicad (5.1.0)-1

Rev:
Id: 9/15



Supercap Backup Circuit



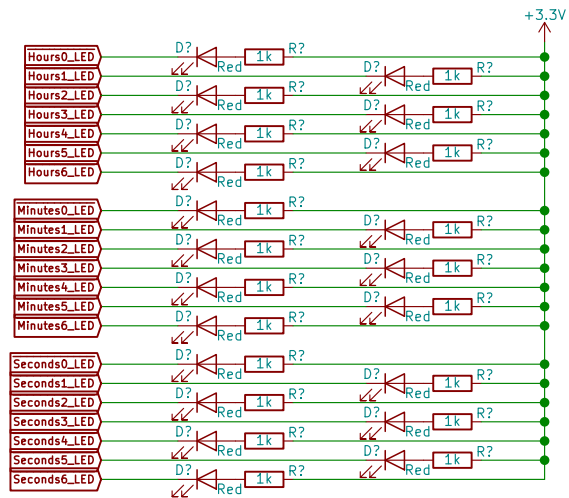
Drew Maatman

Sheet: /+3.3V BCKP Power Supply/
File: POS3P3_BCKP_Power_Supply.sch

Title:

Size: A Date: 2019-04-11
KiCad E.D.A. kicad (5.1.0)-1

Rev: A
Id: 11/15



Sheet: /Binary Clock LEDs/
File: Binary_Clock_LEDs.sch

Title:

Size: A

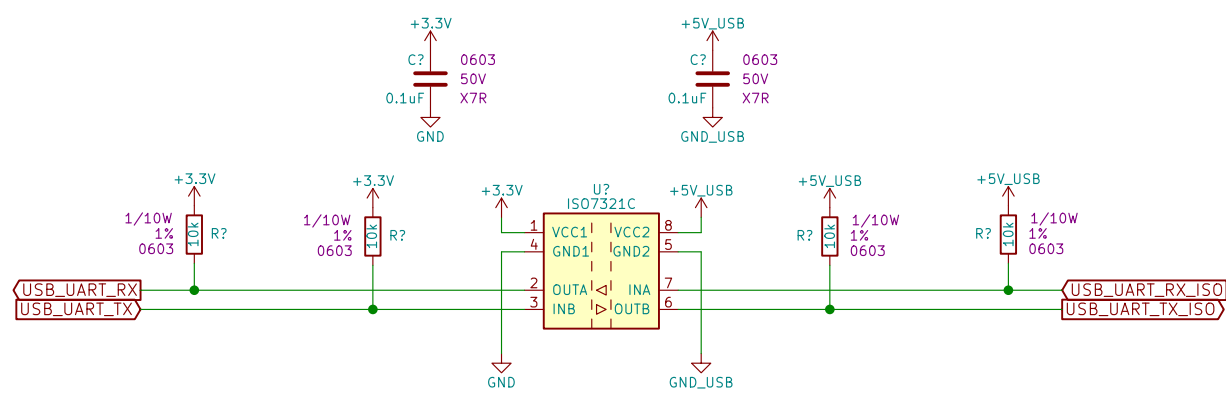
Date:

KiCad E.D.A. kicad (5.1.0)-1

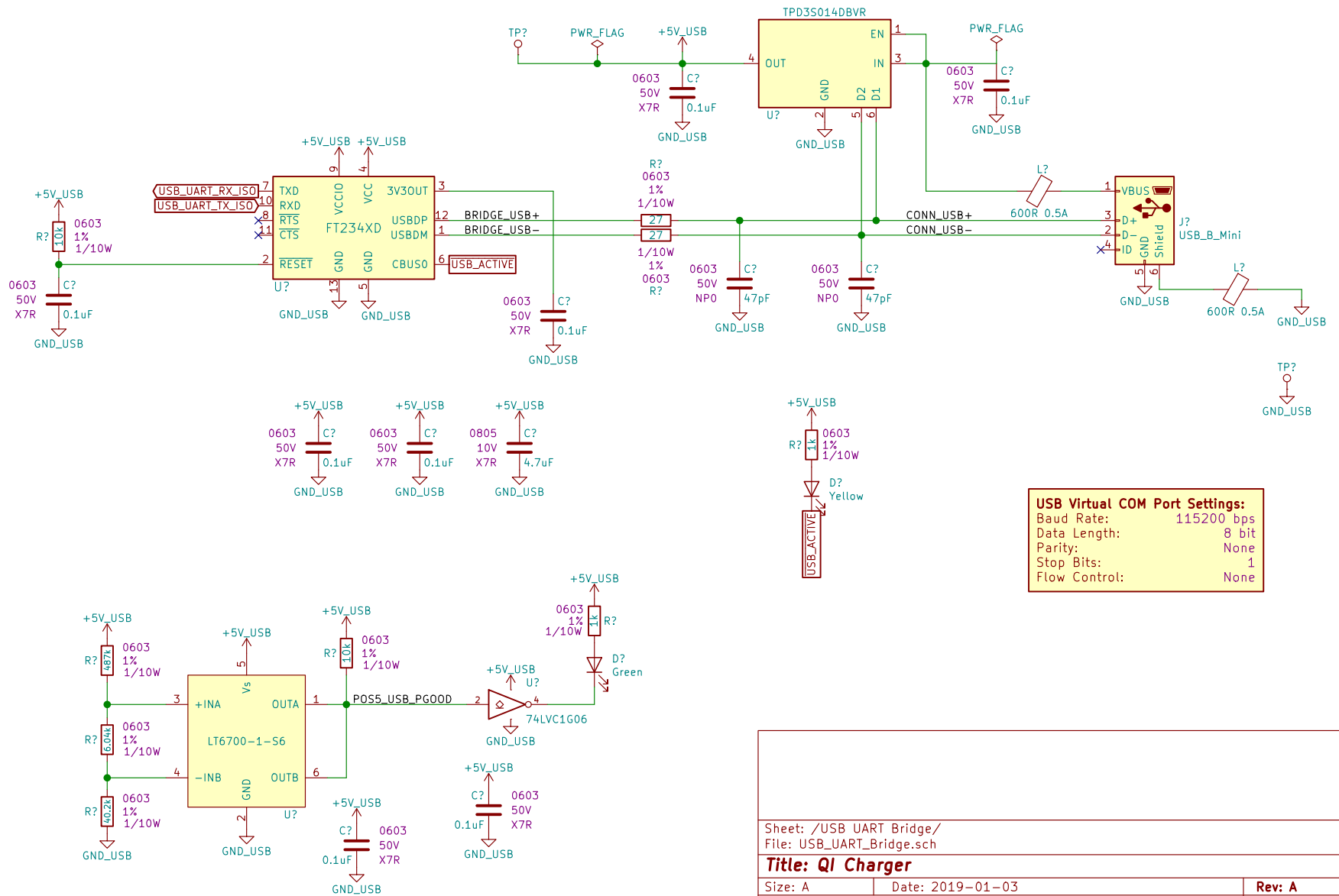
Rev:

Id: 12/15

09. USB UART Isolation



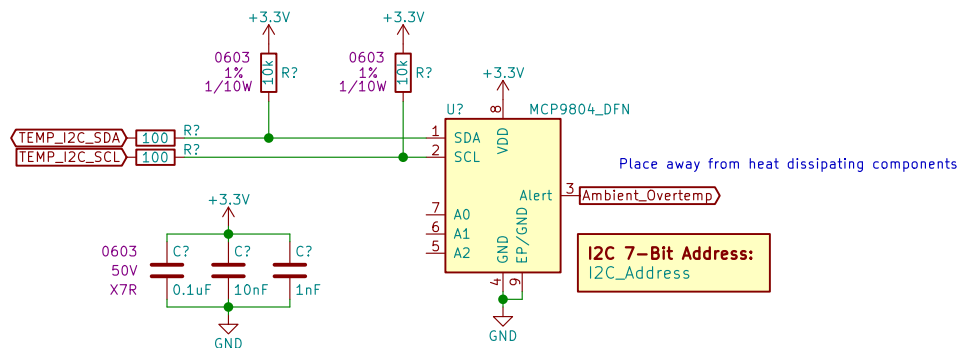
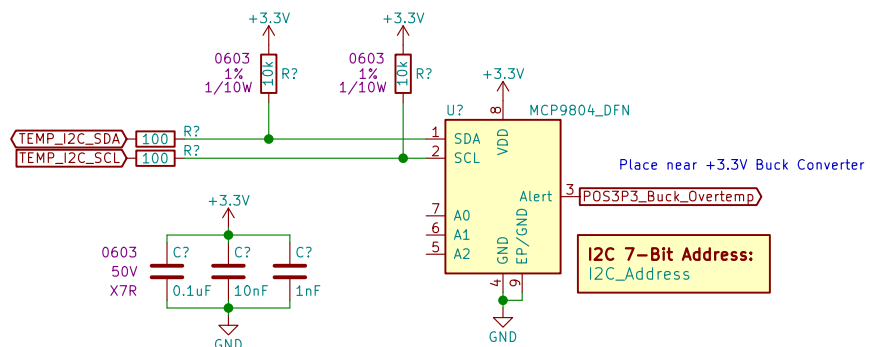
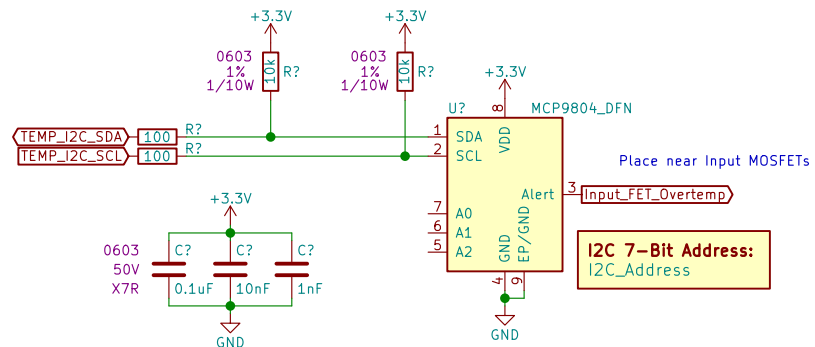
10. USB UART Bridge



USB Virtual COM Port Settings:

Baud Rate:	115200 bps
Data Length:	8 bit
Parity:	None
Stop Bits:	1
Flow Control:	None

Sheet: /USB UART Bridge/		
File: USB_UART_Bridge.sch		
Title: QI Charger		
Size: A	Date: 2019-01-03	Rev: A
KiCad E.D.A. kicad (5.1.0)-1		Id: 14/15



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Sheet: /Temperature Sensors/
File: Temperature_Sensors.sch

Title:

Size: A Date: 2019-04-11
KiCad E.D.A. kicad (5.1.0)-1

Rev: A
Id: 15/15